Tom Dunkley Jones

List of Publications by Year
in descending order

38 papers	2,204 citations	331670 21 h-index	330143 37 g-index
57 all docs	57 docs citations	57 times ranked	2399 citing authors

#	Article	IF	Citations
1	A Cenozoic record of the equatorial Pacific carbonate compensation depth. Nature, 2012, 488, 609-614.	27.8	342
2	Climate model and proxy data constraints on ocean warming across the Paleoceneâ€“Eocene Thermal Maximum. Earth-Science Reviews, 2013, 125, 123-145.	9.1	214
3	Gas hydrates: past and future geohazard?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2369-2393.	3.4	203
4	A modelâ€“data comparison for a multi-model ensemble of early Eocene atmosphereâ€“ocean simulations: EoMIP. Climate of the Past, 2012, 8, 1717-1736.	3.4	196
5	Extinction and environmental change across the Eocene-Oligocene boundary in Tanzania. Geology, 2008, 36, 179.	4.4	140
6	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. Geoscientific Model Development, 2019, 12, 3149-3206.	3.6	131
7	CO2-driven ocean circulation changes as an amplifier of Paleocene-Eocene thermal maximum hydrate destabilization. Geology, 2010, 38, 875-878.	4.4	100
8	Temporal buffering of climate-driven sediment flux cycles by transient catchment response. Earth and Planetary Science Letters, 2013, 369-370, 200-210.	4.4	85
9	Stratigraphy and sedimentology of the Upper Cretaceous to Paleogene Kilwa Group, southern coastal Tanzania. Journal of African Earth Sciences, 2006, 45, 431-466.	2.0	77
10	Major shifts in calcareous phytoplankton assemblages through the Eoceneâ€Oligocene transition of Tanzania and their implications for lowâ€latitude primary production. Paleoceanography, 2008, 23, .	3.0	71
11	A Palaeogene perspective on climate sensitivity and methane hydrate instability. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2395-2415.	3.4	71
12	DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. Climate of the Past, 2021, 17, 203-227.	3.4	71
13	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleoceneâ€“Eocene Thermal Maximum (PETM), and latest Paleocene. Climate of the Past, 2020, 16, 1953-1968.	3.4	71
14	A Paleogene calcareous microfossil Konservat-Lagerstatte from the Kilwa Group of coastal Tanzania. Bulletin of the Geological Society of America, 2008, 120, 3-12.	3.3	60
15	Magnitude and profile of organic carbon isotope records from the Paleoceneâ€“Eocene Thermal Maximum: Evidence from northern Spain. Earth and Planetary Science Letters, 2013, 376, 220-230.	4.4	35
16	The impact of Cenozoic cooling on assemblage diversity in planktonic foraminifera. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150224.	4.0	34
17	Large Igneous Province thermogenic greenhouse gas flux could have initiated Paleocene-Eocene Thermal Maximum climate change. Nature Communications, 2019, 10, 5547.	12.8	33
18	Delayed sedimentary response to abrupt climate change at the Paleocene-Eocene boundary, northern Spain. Geology, 2019, 47, 159-162.	4.4	32

#	Article	IF	Citations
19	The Paleoceneâ€Eocene Thermal Maximum: How much carbon is enough?. Paleoceanography, 2014, 29, 946-963.	3.0	27
20	Exceptionally well preserved upper Eocene to lower Oligocene calcareous nannofossils (Prymnesiophyceae) from the Pande Formation (Kilwa Group), Tanzania. Journal of Systematic Palaeontology, 2009, 7, 359-411.	1.5	26
21	Dynamics of sediment flux to a bathyal continental margin section through the Paleoceneâ€“Eocene Thermal Maximum. Climate of the Past, 2018, 14, 1035-1049.	3.4	26
22	Environmental Predictors of Diversity in Recent Planktonic Foraminifera as Recorded in Marine Sediments. PLoS ONE, 2016, 11, e0165522.	2.5	26
23	Trace metal (Mg/Ca and Sr/Ca) analyses of single coccoliths by Secondary Ion Mass Spectrometry. Geochimica Et Cosmochimica Acta, 2014, 146, 90-106.	3.9	22
24	Comment on â€œCalcareous Nannoplankton Response to Surface-Water Acidification Around Oceanic Anoxic Event 1aâ€• Science, 2011, 332, 175-175.	12.6	16
25	OPTiMAL: a new machine learning approach for GDGT-based palaeothermometry. Climate of the Past, 2020, 16, 2599-2617.	3.4	14
26	Late Neogene evolution of modern deep-dwelling plankton. Biogeosciences, 2022, 19, 743-762.	3.3	11
27	Post-sampling dissolution and the consistency of nannofossil diversity measures: A case study from freshly cored sediments of coastal Tanzania. Marine Micropaleontology, 2007, 62, 254-268.	1.2	10
28	Comment on â€œWhat do we know about the evolution of Mg to Ca ratios in seawater?â€•by Wally Broecker and Jimin Yu. Paleoceanography, 2011, 26, .	3.0	9
29	Lowâ€Latitude Calcareous Nannofossil Response in the Indoâ€Pacific Warm Pool Across the Eoceneâ€Oligocene Transition of Java, Indonesia. Paleoceanography and Paleoclimatology, 2019, 34, 1833-1847.	2.9	9
30	A PALAEOGENE RECORD OF EXTANT LOWER PHOTIC ZONE CALCAREOUS NANNOPLANKTON. Palaeontology, 2009, 52, 457-469.	2.2	8
31	Adaptations of Coccolithophore Size to Selective Pressures During the Oligocene to Early Miocene High CO₂ World. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003918.	2.9	7
32	Biotic and stable-isotope characterization of the Toarcian Ocean Anoxic Event through a carbonateâ€“clastic sequence from Somerset, UK. Geological Society Special Publication, 2021, 514, 239-268.	1.3	3
33	Salterella and Volborthella from the Early Cambrian of Spitsbergen: the evolution of agglutinating organisms during the Neoproterozoic-Cambrian transition. Micropaleontology, 2007, 53, 331-342.	1.0	2
34	The Eoceneâ€'Oligocene transition in Nanggulan, Java: lithostratigraphy, biostratigraphy and foraminiferal stable isotopes. Journal of the Geological Society, 2021, 178, .	2.1	2
35	Calcareous nannofossil assemblages of the Late Cretaceous Fiqa Formation, north Oman. Journal of Micropalaeontology, 2019, 38, 25-54.	3.6	2
36	Organic-walled dinoflagellate cyst biostratigraphy of the upper Eocene to lower Oligocene Yazoo Formation, US Gulf Coast. Journal of Micropalaeontology, 2020, 39, 1-26.	3.6	2

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37	Reply to comment on â€œMagnitude and profile of organic carbon isotope records from the Paleoceneâ€“Eocene Thermal Maximum: Evidence from northern Spainâ€• by Manners et al. [Earth Planet. Sci. Lett. 376 (2013) 220â€“230]. Earth and Planetary Science Letters, 2014, 395, 294-295.	4.4	1
38	The micropalaeontological record of global change. Journal of Micropalaeontology, 2011, 30, 95-96.	3.6	0